

Callophrys lanoraieensis (Bog Elfin)

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: *Insecta* (Insects)

Order: *Lepidoptera* (Butterflies, Skippers, And Moths)

Family: *Lycaenidae* (Gossamer-winged Butterflies)

General comments:

Appears relatively widespread and secure

Species Conservation Range Maps for Bog Elfin:

Town Map: [Callophrys lanoraieensis_Towns.pdf](#)

Subwatershed Map: [Callophrys lanoraieensis_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern: NA

Recent Significant Declines: NA

Regional Endemic:

Callophrys lanoraieensis's global geographic range is at least 90% contained within the area defined by USFWS Region 5, the Canadian Maritime Provinces, and southeastern Quebec (south of the St. Lawrence River).

Notes: Appears relatively widespread and secure

High Regional Conservation Priority: NA

High Climate Change Vulnerability: NA

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Habitats Assigned to Bog Elfin:

Formation Name	Boreal Upland Forest
Macrogroup Name	Boreal Upland Forest
Formation Name	Boreal Wetland Forest
Macrogroup Name	Boreal Forested Peatland
Formation Name	Northeastern Upland Forest
Macrogroup Name	Northern Hardwood & Conifer
Formation Name	Northeastern Wetland Forest
Macrogroup Name	Northern Swamp

Stressors Assigned to Bog Elfin:

No Stressors Currently Assigned to Bog Elfin or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Bog Elfin:

No Species Specific Conservation Actions Currently Assigned to Bog Elfin or other Priority 3 SGCN.

Conservation Actions Associated with the Peatland Lepidoptera Guild:

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Conservation Action**Category:** Species Management**Biological Priority:** critical**Type:** new

Prepare occurrence maps and pesticide spray consultation guidelines for rare Lepidoptera and distribute to strategic partners including Maine Bureau of Pesticides Control.

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.